

02 AUG 2005

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Dated: \_\_\_\_\_

Docket No.: 04393/0202300-US0  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kunihiro Ohta et al.

Application No.: 10/522,644 ✓

Confirmation No.: 7488

Filed: January 26, 2005

Art Unit: N/A

For: METHOD OF ENHANCING HOMOLOGOUS  
RECOMBINATION OF SOMATIC CELLS  
AND METHOD OF CONSTRUCTING  
SPECIFIC ANTIBODY

Examiner: Not Yet Assigned

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS  
FOR PATENT APPLICATION CONTAINING NUCLEOTIDE  
SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

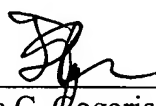
Dear Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed by the U.S. Patent and Trademark Office on July 13, 2005 (hereinafter referred to as "the Notice"), Applicants submit herewith: (1) a Sequence Listing for this application; and (2) the return copy of the Notice to Comply. The Sequence Listing submitted herewith includes both a paper copy, and a computer readable form copy (encoded in ASCII text on a 3.5 inch floppy disk). Pursuant to the requirements of 37 C.F.R. §§ 1.821(f) and (g), the undersigned hereby states that the content of the paper and computer readable copies of the Sequence Listing are identical, and that the Sequence Listing does not contain new matter. Applicants respectfully request that this Sequence Listing be entered into the file history of this application.

Further, please be advised that a Second Preliminary Amendment in this application addressing the issue of the multiple dependent claims was filed with your Office on July 8, 2005. Accordingly, it is believed that no fee is required for this response. However, should the U.S. Patent and Trademark Office determine that any fee is in fact due, then the Commissioner is respectfully invited and request to charge any required fee(s) and/or to credit any refund(s) due to our Deposit Account No. 04-0100.

Dated: August 2, 2005

Respectfully submitted,

By  *Firm Name*  
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Registration No.: 29,714  
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New York, New York 10150-5257  
(212) 527-7700  
(212) 527-7701 (Fax)  
Attorneys/Agents For Applicant



## UNITED STATES PATENT AND TRADEMARK OFFICE

*A.C. Gogoris*  
 UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

|                             |                       |                   |
|-----------------------------|-----------------------|-------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO.  |
| 10/522,644                  | Kunihiro Ohta         | 04393/0202300-USO |

|                               |               |
|-------------------------------|---------------|
| INTERNATIONAL APPLICATION NO. |               |
| PCT/JP03/09563                |               |
| IA. FILING DATE               | PRIORITY DATE |
| 07/28/2003                    | 07/30/2002    |

07278  
 DARBY & DARBY P.C.  
 P. O. BOX 5257  
 NEW YORK, NY 10150-5257

DUE: Sept. 13, 2005

Docketed on 7/22/05 by LIS for

Docketed without file ☐

Attorney \_\_\_\_\_

CONFIRMATION NO. 7488  
 371 FORMALITIES LETTER



\*OC000000016506845\*

Date Mailed: 07/13/2005  
2/13/06

### NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$180 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$180 for a Small Entity:

- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice

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published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

- Total additional claim fee(s) for this application is \$ 180

- \$180 for multiple dependent claim surcharge.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226

**PART 1 - ATTORNEY/APPLICANT COPY**

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO.  |
|-----------------------------|-------------------------------|-------------------|
| 10/522,644                  | PCT/JP03/09563                | 04393/0202300-USO |

FORM PCT/DO/EO/922 (371 Formalities Notice)

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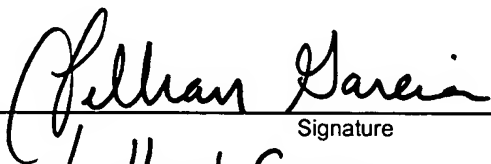
## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. \_\_\_\_\_ in an envelope addressed to:

**EV418272155-US.**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on August 2, 2005  
Date



Signature

Lillian Garcia

Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Response to Notice to Comply with Requirements for Nucleotide or Amino  
Acid Sequence Listing (2 pages)  
Paper Copy of Sequence Listing (2 pages)  
A return copy of the Notice to Comply (2 pages)  
A computer readable diskette containing sequence listing  
Return receipt postcard